

APPENDIX A. Identification of Amended Material

1. (Amended) A method [of forming a three dimensional object], comprising:

- (a) providing an array of controllable pixel elements;
- (b) providing a container having a medium therein capable of selective curing upon application of a stimulus;
- (c) providing a window coupled with the container, such that the medium is operatively positioned with respect to at least one surface of the window;
- (d) providing a source of the stimulus;
- (e) directing the stimulus and the array of pixel elements, such that a portion of the stimulus travels through the window of the container, wherein select regions of the medium are cured;
- (f) displacing the cured select regions of the layer with respect to the surface of the window, such that a gap is formed between the window and the cured layer, and wherein additional uncured medium fills the gap;
- (g) repeating (e) and (f) until a final layer is to be formed; and
- (f) repeating (e) to form the final layer.

24. (Amended) A method [of forming a three dimensional object], comprising:

providing at least one spatial light modulator, having a plurality of controlled pixel elements;



providing a container having a medium therein and a window within the container,
wherein the medium is operatively positioned with respect to at least one surface of the window;
providing a source of stimulus;

iterating for $i=1, 2, \dots, M$, wherein M is the maximum number of layers to be formed,
and wherein iteration I comprises:

if $i \leq M$, directing the stimulus and the pixel elements of the spatial light
modulator, such that select pixel elements reflect the stimulus, directing the stimulus into an i^{th}
layer of the medium, wherein select regions of the i^{th} layer are cured;

if $i < M$, moving the cured i^{th} layer with respect to the window, such that a gap is
formed between the window and the cured i^{th} layer, wherein the uncured medium fills
the gap; and ending iteration i .

40. (Amended) The apparatus of claim 39, wherein the projected image decreased by the at least one lens is approximately 1 micron by 1 micron.

42. (Amended) The apparatus of claim 41, wherein the separation agent on the surface of the window comprises a halogenated compound.

50. (Amended) The apparatus of claim 48, wherein a first cured layer adheres to a surface of the target platform included with the elevator platform.